

Amendment to the Abstract

Please amend the application to add the following Abstract. A separate single Abstract page accompanies this Amendment.

METHOD OF FINDING MODULATORS OF ENZYMES OF THE CAROTENOID BIOSYNTHETIC PATHWAY

ABSTRACT OF THE DISCLOSURE

This invention relates to nucleic acids which encode tobacco zeta-carotene synthase, to polypeptides encoded thereby, and to methods of finding modulators of the activity of zeta carotene synthase, phytoene synthase and phytoene desaturase.